| **Less emphasis on:** | **More emphasis on:** |
| --- | --- |
|  | **Standards for Mathematical Practice**   * + - Describe mathematical “habits of mind”     - Standards for mathematical proficiency: reasoning, problem solving, modeling, decision making, and engagement     - Connect with content standards in each grade |
| **Numbers and Operations**   * Counting and place value * Addition and subtraction without regrouping * Fluency in basic facts – addition and subtraction * Money - separate from solving word problems * Estimation in of itself * Creating story problems * Ordering quantities | **Numbers and Operations**   * Multiplication and division   + Understanding what multiplication and division means   + Use of properties and strategies in multiplying and dividing * Addition and subtraction using place value strategies and properties for multi-digit numbers * Using properties and strategies to solve problems, not just memorizing facts or procedures * Estimation as one way of determining reasonableness of answers * Understanding fractions as numbers (denominators of 2, 3, 4, 6, and 8)   + Express whole numbers as fractions   + Compare fractions by reasoning about their size, not using common denominators   + Equivalent fractions   + Represent fractions on number line |
| **Measurement**   * Measuring for the sake of measuring – measuring occurs within problem solving situations | **Measurement**   * Measuring in 1/2 and 1/4 inches to gather data to display in line plots * Area and its relation to multiplication and addition * Perimeter \ |
| **Geometry**   * Symmetry * Locations of points * Right angles | **Geometry**   * Relationships between and among shapes, e.g., rectangles and rhombuses have 4 sides, both are quadrilaterals |
| **Algebraic Concepts**   * Odd and even number patterns | **Algebraic Concepts**   * Use of a letter to stand for an unknown quantity in solving word problems with 4 operations * Identifying arithmetic patterns |
| **Data Analysis and Probability**   * Gathering data from surveys * Probability | **Data Analysis and Probability** |